

Patent  
Case No.: 59055US002

32692

Customer Number

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor: HAMROCK, STEVEN J.

Application No.: 10/697831 Group Art Unit: 1745

Filed: October 30, 2003 Examiner: Unknown

Title: POLYMER ELECTROLYTE MEMBRANE AND METHOD OF MAKING

### INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

#### CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on:

February 26, 2004

Date

Phyllis J. Boettcher

Signed by: Phyllis J. Boettcher

Dear Sir:

Pursuant to 37 CFR §§ 1.56, 1.97, and 1.98, enclosed is a completed Form PTO-1449, citing references submitted for consideration by the Examiner. Copies of any cited foreign patents, non-patent literature, and unpublished US application documents are enclosed. Pursuant to the waiver in the Pre-OG Notice, dated July 11, 2003, copies of US patents and published US patent applications are no longer required and are not enclosed. It is respectfully requested that the Examiner initial and return the enclosed Form PTO-1449 to indicate that each reference has been considered.

It is believed that no fee is due; however, in the event a fee is required, please charge the fee to Deposit Account No. 13-3723.

If a first Office Action on the merits has been mailed prior to the mailing date of this document, please charge the fee for consideration of an Information Disclosure Statement set forth in 37 CFR § 1.17(p), and if necessary, please charge any additional fees, or credit any overpayment to Deposit Account No. 13-3723.

Respectfully submitted,

By:

Philip Y. Dahl, Reg. No.: 36,115  
Telephone No.: (651) 737-4029

2/25/04

Date

Office of Intellectual Property Counsel  
3M Innovative Properties Company  
Facsimile No.: 651-736-3833

Substitute for form 1449A/PTO (modified)

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Page 1 of 1

Application Number

10/697831

Filing Date

October 30, 2003

First Named Inventor

Hamrock, Steven J.

Art Unit

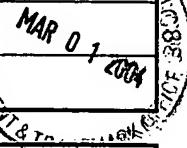
1745

Examiner Name

Unknown

Attorney Case Number

59055US002



## U.S. Patent Documents

Exam. Init.*	Cite No.	Document Number	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Doc. Number-(Kind Code if Known)			
	A1	US- 4,358,545	11/09/1982	Ezzell et al.	
	A2	US- 4,417,969	11/29/1983	Ezzell et al.	
	A3	US- 6,624,328 B1	09/23/2003	Guerra, M. A.	
	A4	US-			
	A5	US-			
	A6	US-			
	A7	US-			
	A8	US-			

## Foreign Patent Documents

Exam. Init.*	Cite No.	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation (Check if yes)
		Ctry. Code	Number-KindCode (If known)				
	B1	JP	SHO 58-93728	06/03/1983			X
	B2						
	B3						
	B4						
	B5						
	B6						
	B7						

## OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Exam. Init.*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
	C1	Zaluski, C. and Xu, G. "Blends Of Nafion And Dow Perfluorosulfonated Ionomer Membranes", Macromolecules, 1994, Vol. 27, pp. 6750 - 6754.
	C2	Moore and Martin, "Morphology and Chemical Properties of the Dow Perfluorosulfonate Ionomers", Macromolecules, 1989, vol. 22, pp. 3594 - 3599
	C3	

\*Examiner:

Date Considered:

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



# **INFORMATION DISCLOSURE**

## **STATEMENT BY APPLICANT**

Application Number	10/697831
Filing Date	October 30, 2003
First Named Inventor	Hamrock, Steven J.
Art Unit	1749
Examiner Name	Unknown
Attorney Case Number	59055US002

**RELATED U.S. APPLICATIONS - DO NOT PRINT**

**\*Examiner:**

### Date Considered

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.